ancer Laid to Air Pollution

By Morton Mintz Staff Reporter

pollution as a prime cause of Variation In Cities

chief of the Public Health said.

Birmingham is thus indi- Engineering Center here. cated to be like the British industrial cities that have a similar correlation and also burn coal in large quantities.

Benzpyrene in Air

Last month PHS said benzpyrene was in all the air samples it collected in 103 cities. The concentrations were puzzling - Washington's, for example, was higher than industrial Pittsburgh's.

Dr. Hueper told the Air Pollution Control Association today that benzpyrene was found to be a reliable index to the cancer danger in the air only in Birmingham.

It was found in lesser amounts in the other cities studied - Atlanta, Cincinnati, Detroit, Los Angeles, New Orleans, Philadelphia and San Francisco. But it had no correlation with the potency of other cancer-producers in their air or with their lungcancer rates.

Benzpyrene, also found in cigarette smoke, is only one

of many airborne pollutants representative" of the air dur- the frequency of lung cancers that cause cancer in labora- ing the month-long campling during the month-long campling during the month-long campling during the second cancer. CINCINNATI, May 25 tory animals and are sus-

Iung cancer—and de-emphasizing the role of cigarette smoking—was reported today by Dr. W. C. Hueper of the sis of almost incredible individuality, varying with local National Cancer Institute.

His research was hailed as a massive assault can pinpoint of the size of such factors as:

Dr. Heuper concluded that under the neck skin of thousands of mice at the Cancer Institute in Bethesda and at likely it plays both a direct the University of Southern California.

The Birmingham extracts, whelming importance in the face of such factors as:

A lung cancer rate much

Air samples were collected cancer there. Dr. Hueper said his study in the eight cities, which have in Birmingham, Ala., triple air pollution, and separated tracts from all eight cities protein moking was common. The national average. corresponds closely with the level and Eugene Sawicki of the And, he said, the evidence of benzpyrene in its air.

Birmingham is thus indicated tracts from all eight cities promoking was common.

A much greater rate of lung cancer among Britons who emigrated to New Zealard Birmingham is thus indicated the said of these types "have land and South Africa than and South Africa than the cutter of the service of the said of

THE WASHINGTON POST Washington, D.C. May 26, 1960

ing the month-long sampling during recent decades." period. All can be created when any fuel is burned or Dr. Hueper ridiculed claims distilled in many industrial that it causes between 60 and processes. They were injected 96 per cent of all lung can-

to the rate of human lung higher among urban than

He said the pollutants other shows the rate of lung cancer different types and causes of than benzpyrene in the ex-lung cancers before cigarette

The extracts were "roughly played an important role in among the native-born who the progressive increase of smoke as much.

As to cigarette smoking,

• A lung cancer rate much rural smokers.

An upswing in European

TIMES

Pawtucket, Rhode Island 1003543434A May 7, 1960 Good News For The Farmer

CIGARETTES MAY, or may not, be the cause of cancer of the lung. Doctors and researchers do not know the role of cigarettes in the cancer problem, but that fact did not deter a cigarette smoker from seeking damages from a cigarette manufacturer whose product was cited in the background of lung cancer surgery.

The court did not hold with the cigarette smoker. The court could not do otherwise, because the United States Public Health Service has found a suspected cause for cancer in the air we breathe, not only in the cigarette smoke we inhale. In the air of 103 American cities researchers have found a substance called benzpyrene. It is so abundant in some cities, that an individual breathing such

air would inhale as much benzpyrene as from smoking two or more packages of cigarettes daily.

Where does this perilous substance come from? It comes mainly from the burning or distilling of fuels in furnaces. The average city dweller inhales air that is 16 times more polluted with benzpyrene than the air breathed by the rural dweller.

If the farmer finds the air he breathes is less polluted than the air consumed by his city cousin will he be more satisfied with his lot, which is not so bad, what with crop subsidies and allotments for taking land out of production and the multitude of other farm benefits which cost the rest of us taxpayers \$6 billion annually.

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May 10, 1960

CINCINNATI -- A SURVEY INDICATES THAT A NON-SMOKER IN A BIG CITY INHALES MORE OF A CHEMICAL SUSPECTED OF CAUSING LUNG CANCER THAN A PACK-A-DAY SMOKER IN THE SUBURBS, A SCIENTIST SAID YESTERDAY.

DR. EUGENE: SAWICKI OF THE ROBERT A. TAFT SANITARY ENGINEERING CENTER HERE, REPORTED ON RESULTS OF AN 18-MONTH PRELIMINARY STUDY OF THE BENZPYRENE CONTENT OF THE AIR IN 103 CITIES AND 28 RURAL AREAS.

BENZPYRENE IS BELIEVED TO COME FROM THE INCOMPLETE BURNING OF FUELS, WASTE MATERIALS, AND OTHER COMBUSTIBLE SUBSTANCES. IT ALSO IS ASSOCIATED WITH TARRY SUBSTANCES.

SAWICKI SAID A PACK-A-DAY SMOKER INHALES ABOUT 60 MICROGRAMS OF THE CHEMICAL PER YEAR WHILE THE AVERAGE NON-SMOKER HERE WOULD INHALE ABOUT THE SAME AMOUNT.

HE SAID AN AVERAGE NON-SMOKER WOULD BE A PERSON WHO WORKS IN A CITY AND LIVES IN A A PERSON WHO LIVES AND WORKS IN THE DOWNTOWN AREA WOULD INHALE MORE, HE SAID.

Source: https://www.industrydocuments.ucsf.edu/docs/hrbm0000